

CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

1. (Previously presented) A thermostable and liquid-tight joint between a first component made of metal, ceramic, or plastic and a second component made of metal, ceramic, or plastic which is exposable to the temperature effect of an external medium, including:

a first bond between the second component and the first component and including a first adhesive; and

a second bond including a second adhesive, wherein said second adhesive has a greater elasticity than the first adhesive of the first bond, and which is placed in such a way that direct contact of the first bond with the external medium is prevented.

2. (Previously presented) The joint as recited in Claim 1, wherein the first component has a pass-through aperture in which the second component is fixed by the first bond.

3. (Previously presented) The joint as recited in Claim 1, wherein the first component is a receptacle sleeve having a centric pass-through aperture.

4. (Previously presented) The joint as recited in Claim 1, wherein the second bond has an exterior contact side, provided for contact with the external medium, and an inner side, facing away from the contact side but facing and shielding the first bond.

5. (Previously presented) The joint as recited in Claim 4, wherein at least one area of the inner side of the second bond is in direct contact with the first bond.

6. (Previously presented) The joint as recited in Claim 1, wherein the first component is made of metal and the second component is made of ceramic.

7. (Previously presented) A sensor assembly of a measuring device which is insertable into an medium to be tested, comprising:

a first component;

a second component joined to said first component, wherein said second component is exposed to said medium;

a first bond between the second component and the first component and including a first material; and

a second bond between the second component and the first component and including a second material, wherein said second material has a greater elasticity than the first material, and wherein said second bond prevents contact of said first bond with said medium.

8. (Previously presented) The device as recited in Claim 7, wherein the first component has a pass-through aperture in which the second component is fixed by the first bond.

9. (Previously presented) The device as recited in Claim 7, wherein the first component is a receptacle sleeve having a centric pass-through aperture.

10. (Previously presented) The device as recited in Claim 7, wherein the second bond has an exterior contact side and an inner side, facing away from the contact side but facing and shielding the first bond.

11. (Previously presented) The device as recited in Claim 10, wherein at least one area of the inner side of the second bond is in direct contact with the first bond.

12. (Previously presented) The device as recited in Claim 7, wherein the first component is made of one of ceramic, metal, plastic and any combination thereof and wherein the second component is made of one of ceramic, metal, plastic and any combination thereof.

13. (Previously presented) The device as recited in Claim 12, wherein the first component is made of metal, and wherein the second component is made of ceramic.

14. (Previously presented) A method of joining components, comprising:

disposing a first component with respect to a second component;

disposing a first bond between said first component and said second component,
said first bond including a first material;

disposing a second bond between the first component and the second component,
said second bond including a second material, wherein said second material has a greater elasticity than the first material, and wherein said second bond prevents contact of said first bond with an external medium.

15. (Previously presented) The method as recited in Claim 14, wherein the first component has a pass-through aperture in which the second component is fixed by the first bond.

16. (Previously presented) The method as recited in Claim 14, wherein the first component is a receptacle sleeve having a centric pass-through aperture.

17. (Previously presented) The method as recited in Claim 14, wherein the second bond has an exterior contact side and an inner side, facing away from the contact side but facing and shielding the first bond.

18. (Previously presented) The method as recited in Claim 17, wherein at least one area of the inner side of the second bond is in direct contact with the first bond.

19. (Previously presented) The method as recited in Claim 14, wherein the first component is made of one of ceramic, metal, plastic and any combination thereof and wherein the second component is made of one of ceramic, metal, plastic and any combination thereof.

20. (Previously presented) The method as recited in Claim 19, wherein the first component is made of metal, and wherein the second component is made of ceramic.